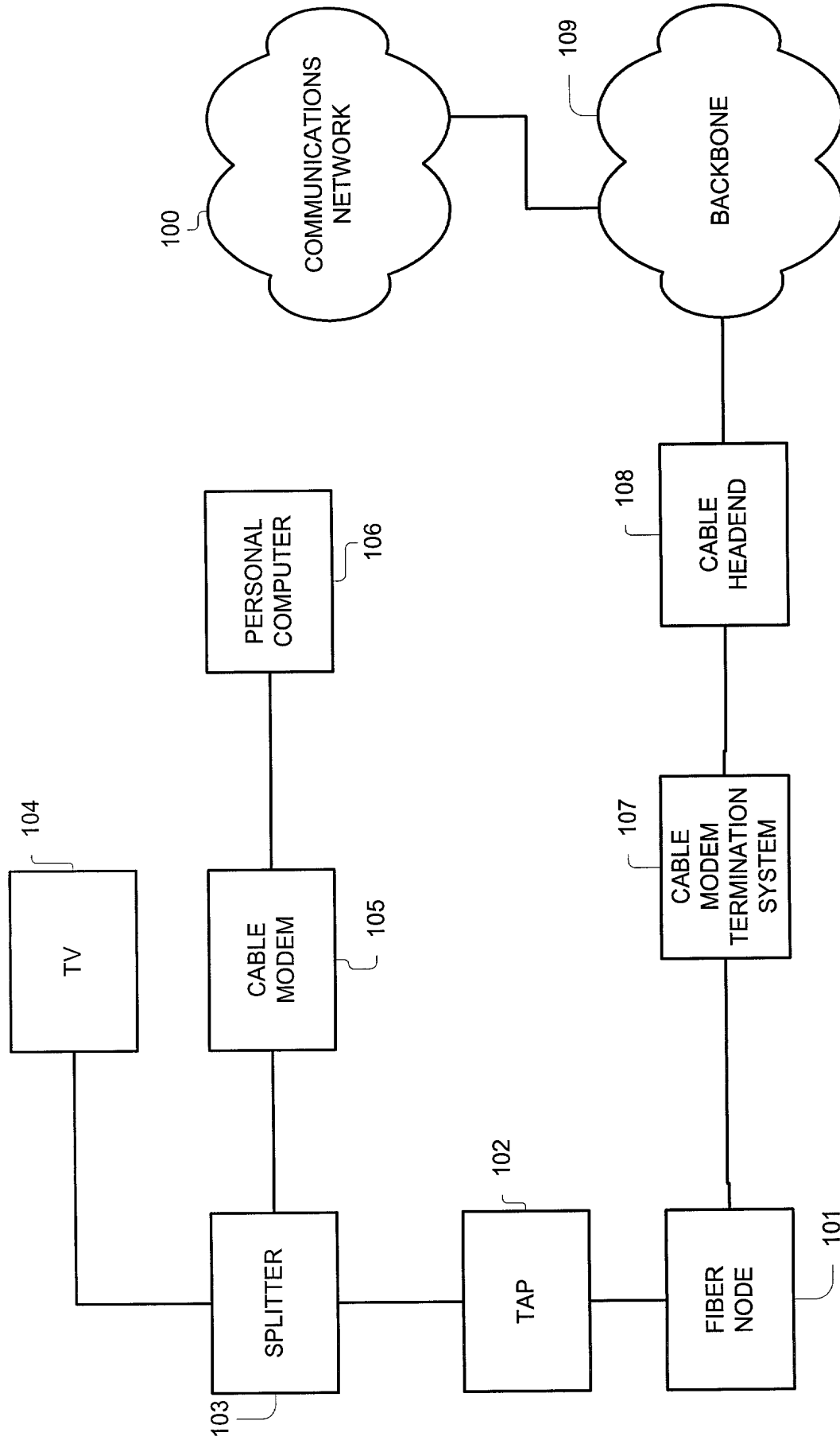


### ABSTRACT OF THE DISCLOSURE

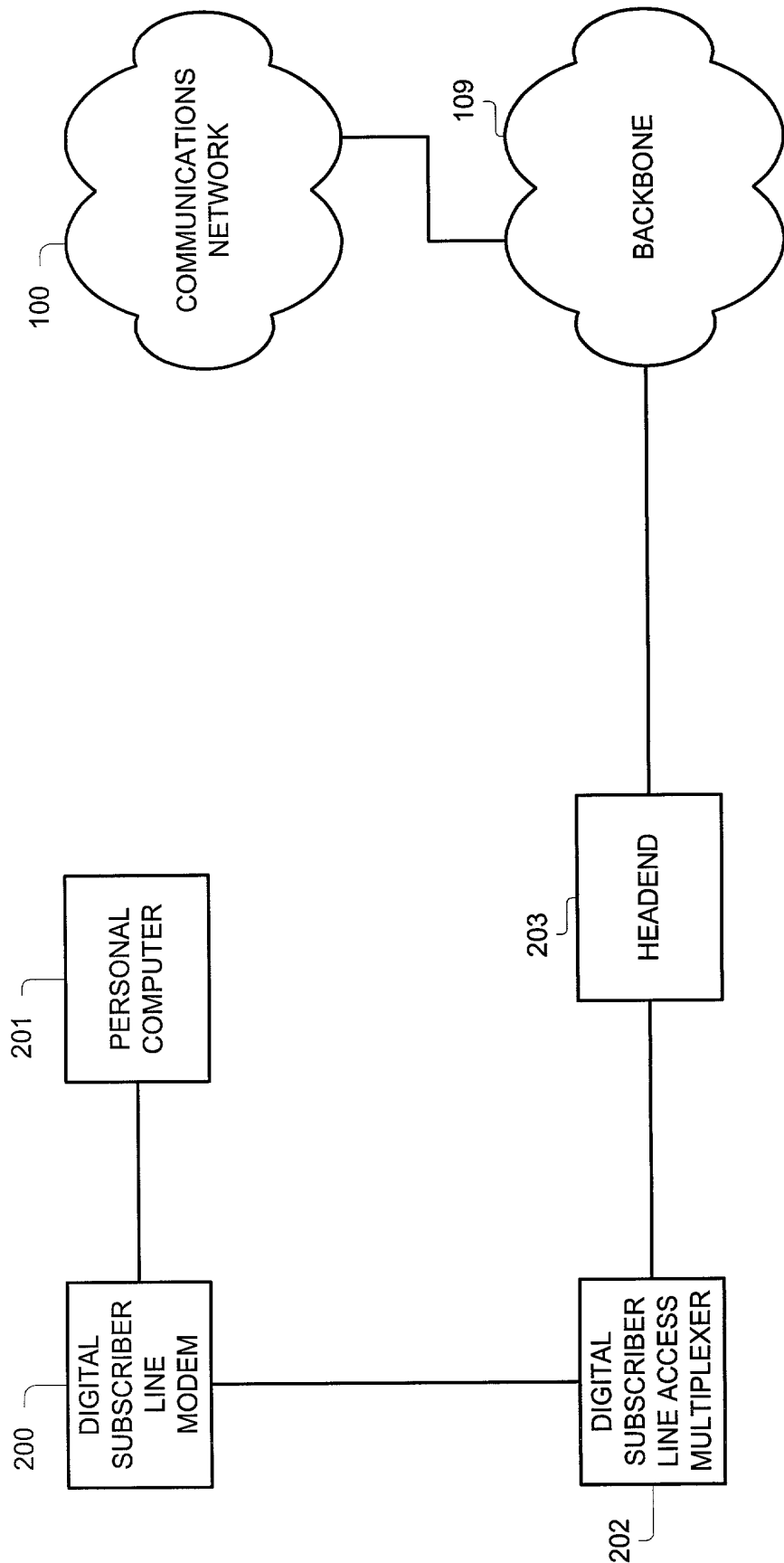
An integrated operations support system, method, and computer program product for a high-speed network dedicated to broadband data transport services. A single web portal is provided through which internal personnel manage the physical aspects of the high-speed  
5 network, and through which customers (e.g., ISPs) manage the usage and business aspects of the high-speed network. Information related to the operation of the network as well as end-user usage information is maintained in a common operations support system database. Information in the database is manipulated through a variety of applications, each of which is available through the single web portal.

FIGURE 1



BACKGROUND ART

FIGURE 2



BACKGROUND ART

FIGURE 3

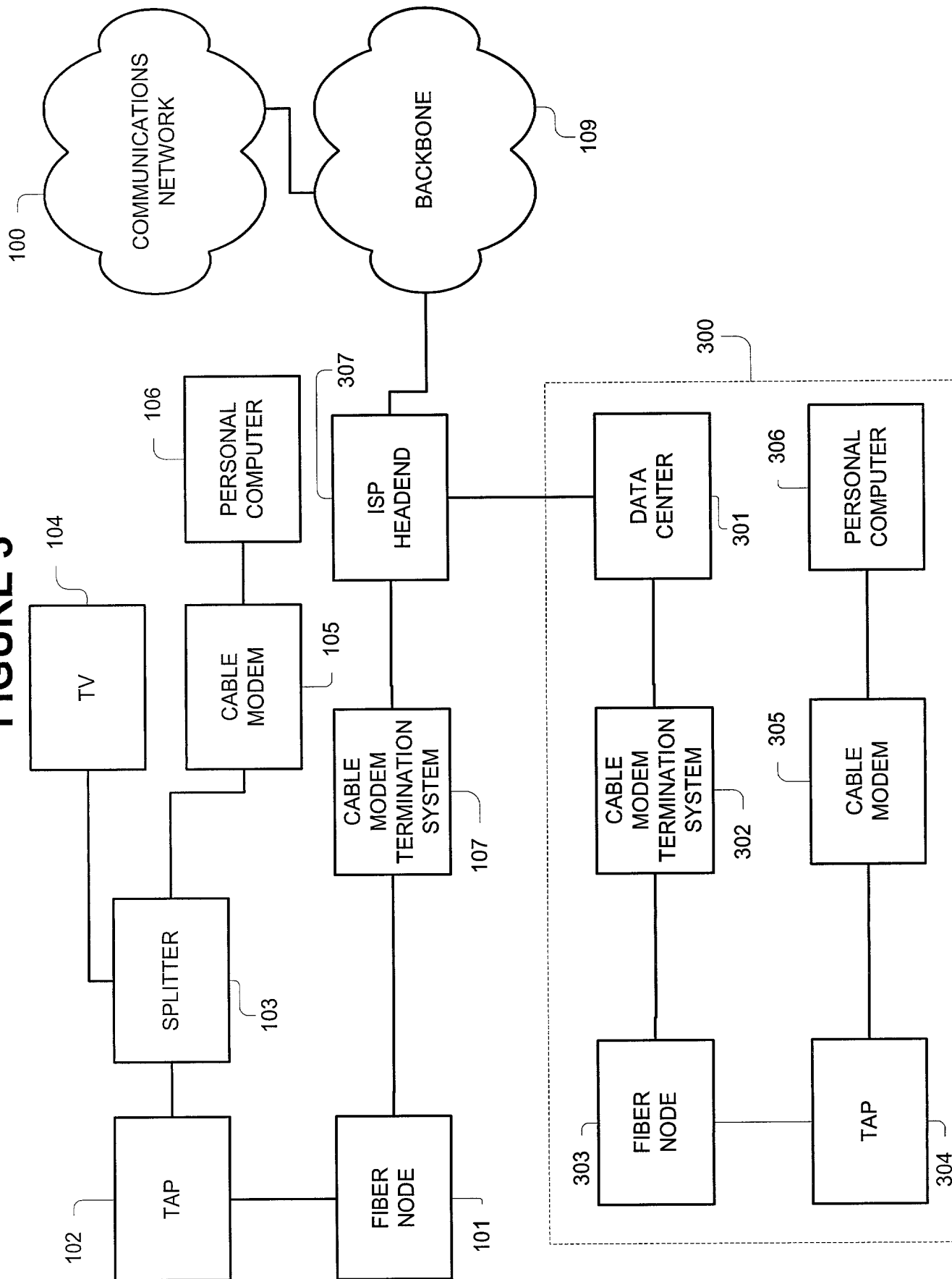
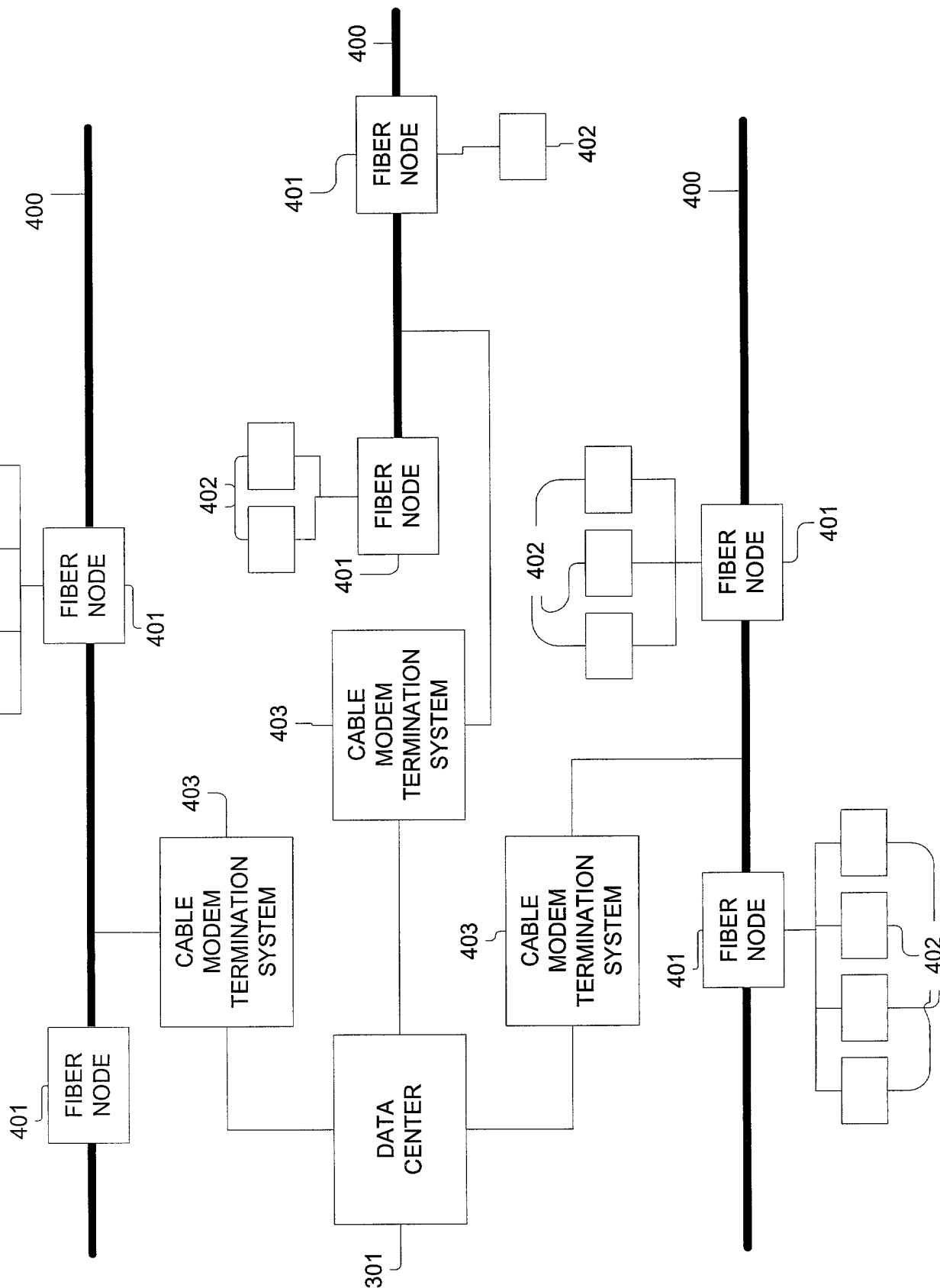


FIGURE 4



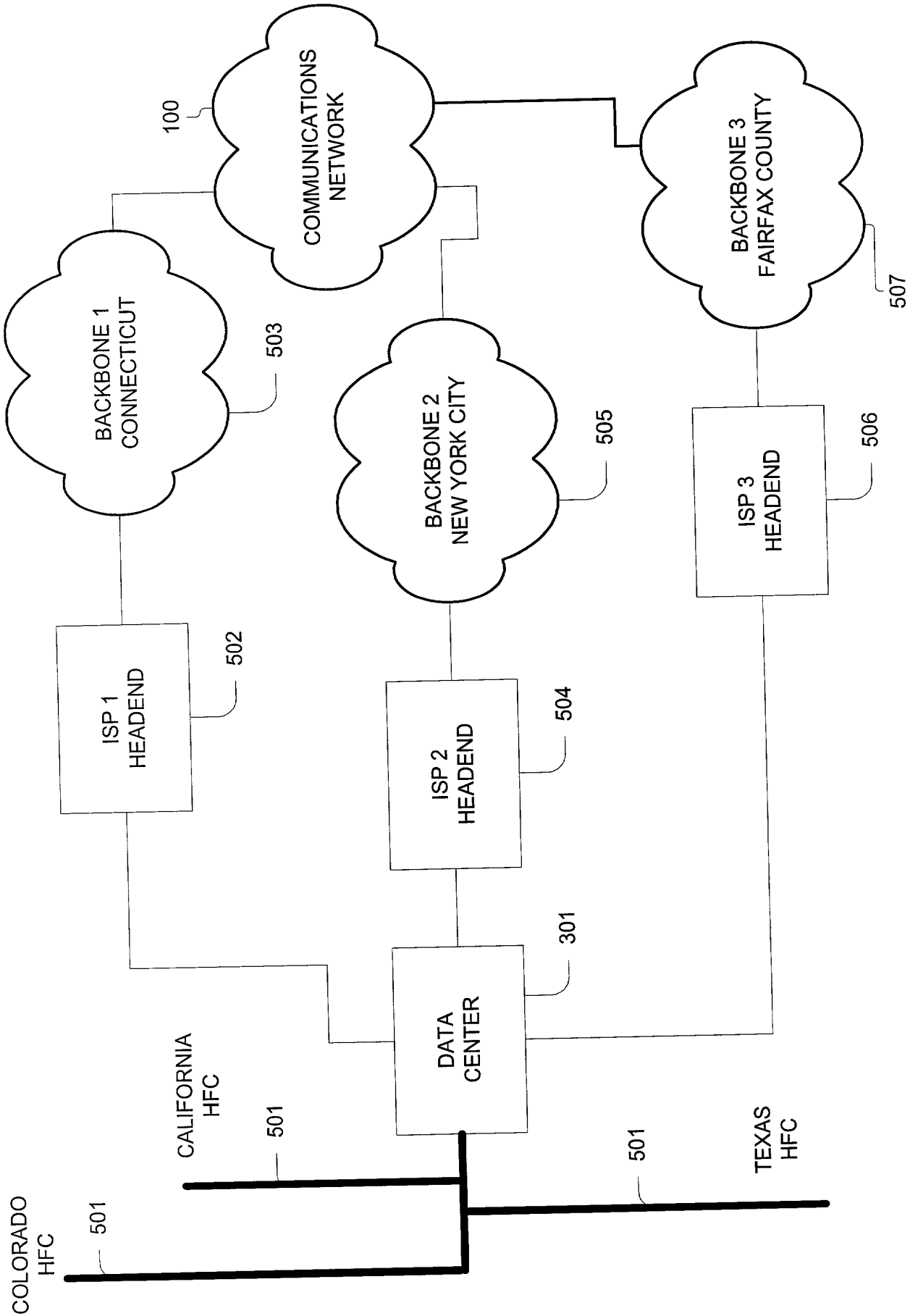
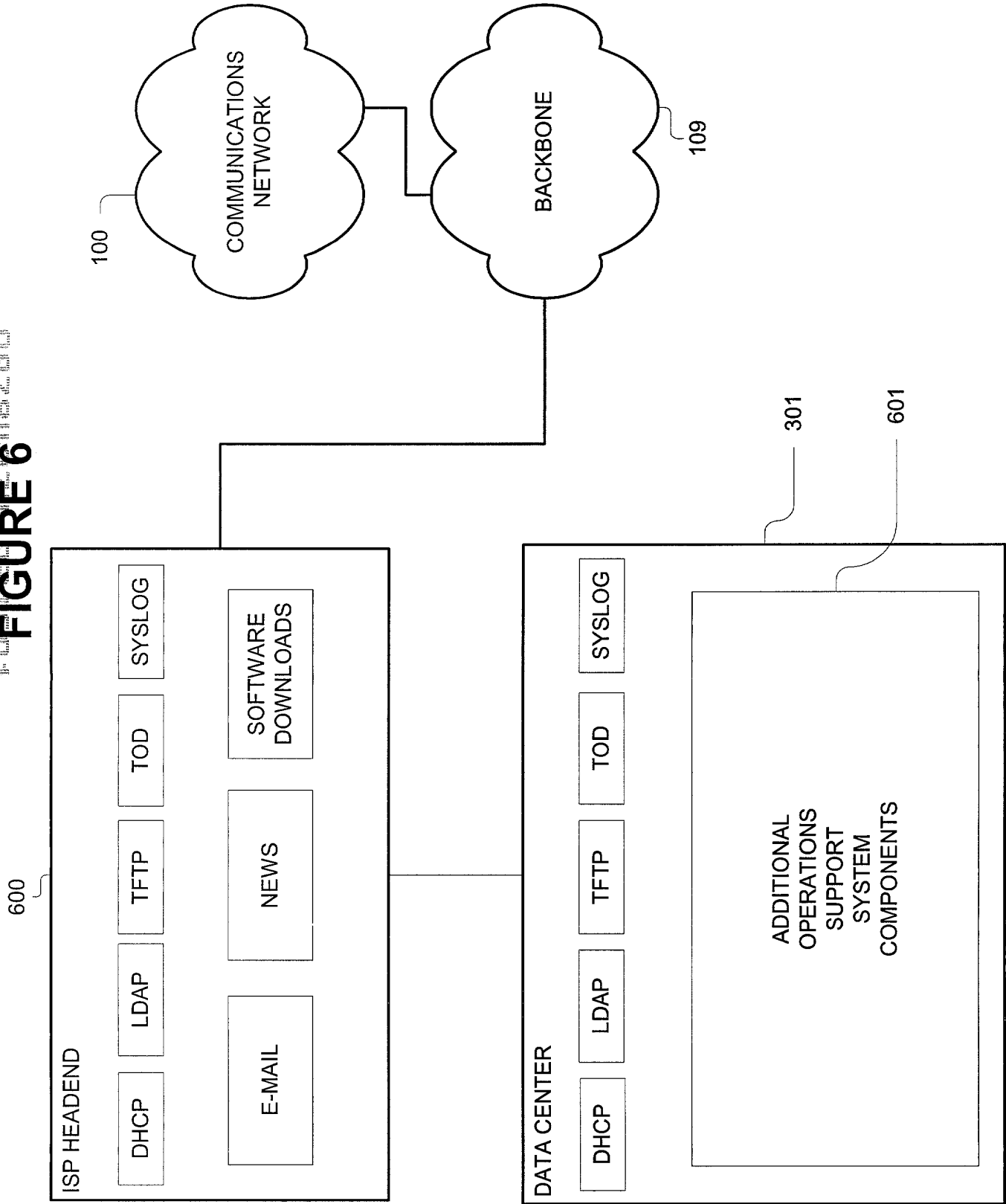


FIGURE 5

FIGURE 6



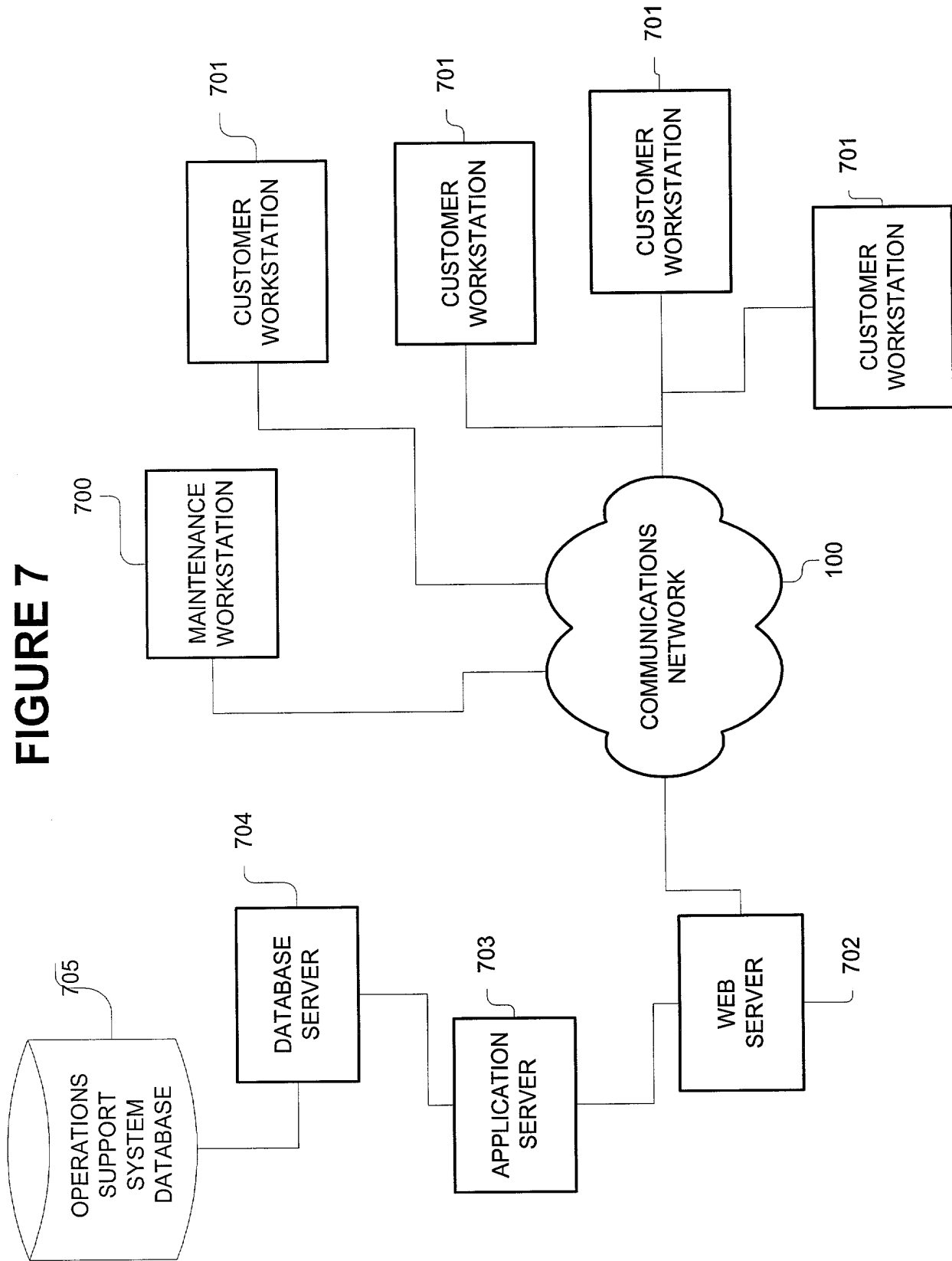
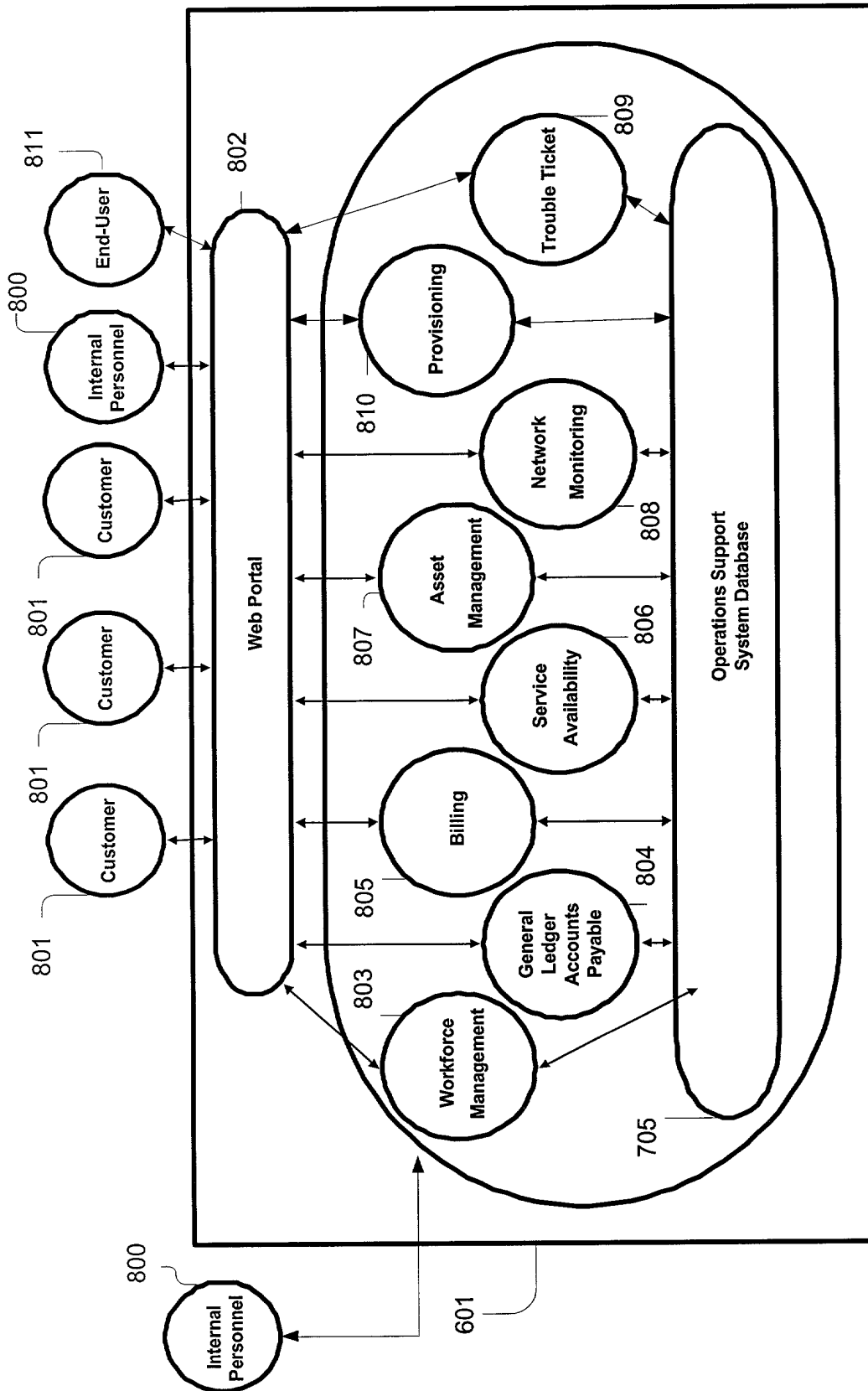


FIG. 7

FIGURE 8



**FIGURE 9**

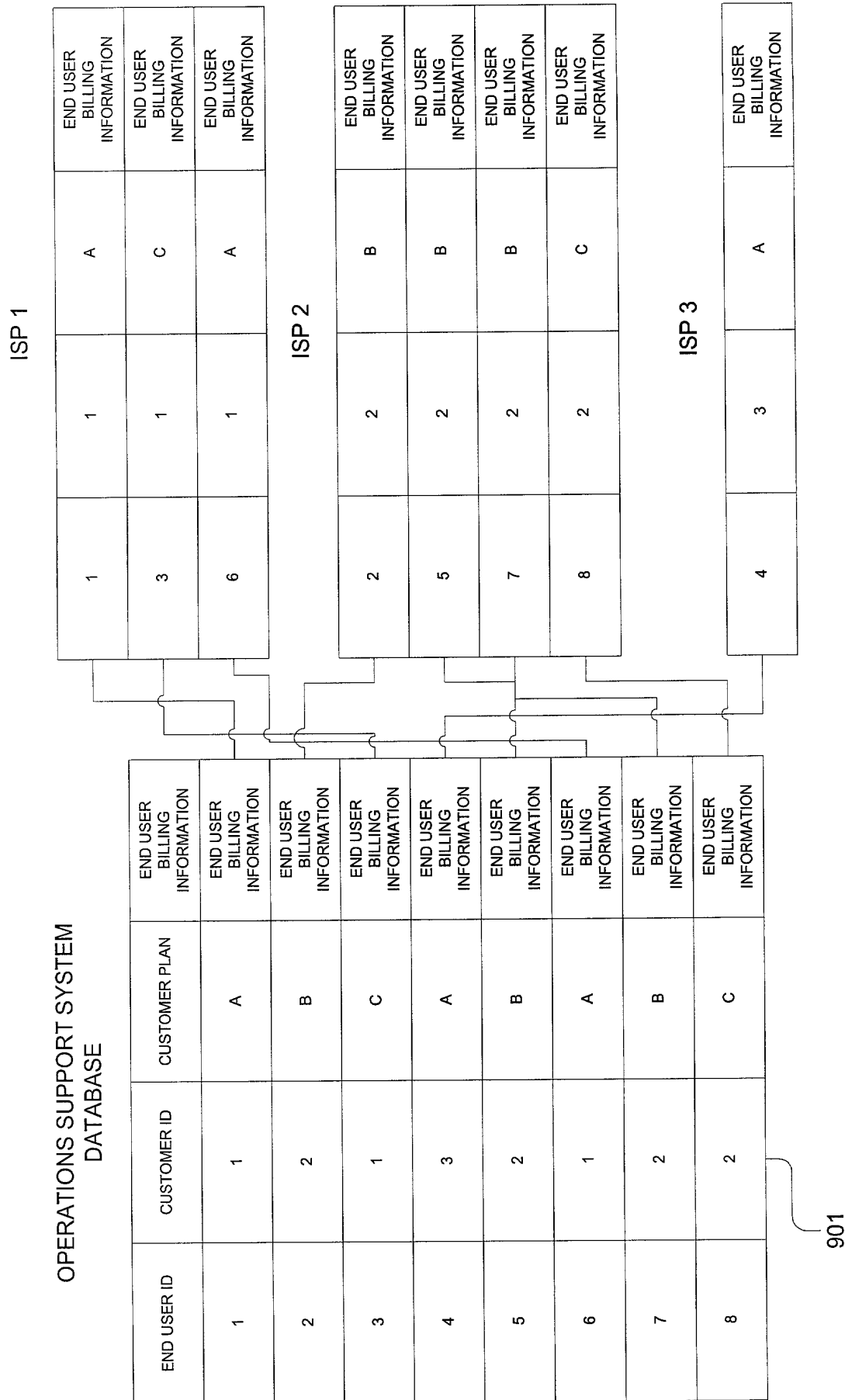


FIGURE 10

FIGURE 10

